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Patent Assignment Abstract of Title

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Total Assignments: 1

Patent #: [6593207](#)

Issue Dt: 07/15/2003 Application #: 10121862 Filing Dt: 04/15/2002

Publication #: [US20030013272](#) Pub Dt: 01/16/2003

Inventors: Soo-Jin Hong, Jin-Hwa Heo

Title: TRENCH DEVICE ISOLATION STRUCTURE AND A METHOD OF FORMING THE SAME

Assignment: 1

Reel/Frame: [012806/0458](#)

Recorded: 04/15/2002

Pages: 2

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: [HONG, SOO-JIN](#)

Exec Dt: 03/29/2002

[HEO, JIN-HWA](#)

Exec Dt: 03/29/2002

Assignee: [SAMSUNG ELECTRONICS CO., LTD.](#)

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Search Results as of: 03/23/2006 02:42 PM

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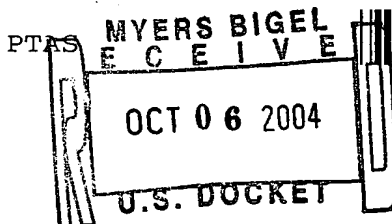
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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 28, 2004

MYERS BIGEL SIBLEY & SAJOVEC
ROBERT N. CROUSE
P.O. BOX 37428
RALEIGH, NC 27627



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RECORDATION DATE: 04/09/2004

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ASSIGNOR:
KIM, HONG-GUN

DOC DATE: 12/11/2003

ASSIGNOR:
NA, KYU-TAE

DOC DATE: 12/11/2003

ASSIGNOR:
HONG, EUN-KEE

DOC DATE: 12/11/2003

ASSIGNOR:
GOO, JU-SEON

DOC DATE: 12/11/2003

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ASSIGNEE:

SAMSUNG ELECTRONICS CO., LTD.
416, MAETAN-DONG, YEONGTONG-GU
SUWON-SI, GYEONGGI-DO
REPUBLIC
OF KOREA

SERIAL NUMBER: 10732931

FILING DATE: 12/11/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: METHODS OF FILLING GAPS BY DEPOSITION ON MATERIALS HAVING DIFFERENT
DEPOSITION RATES

SHARON LATIMER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

04-13-2004

To: Commissioner for Patents: 4/9/04

Date: April 7, 2004
Attorney Docket No. 5649-1224

Please record the attached original documents or copy them.

102719908

1. Name of conveying party(ies):

1. Hong-gun Kim
2. Kyu-tae Na
3. Eun-kee Hong
4. Ju-seon Goo

Additional name(s) of conveying party(ies) attached? Yes ☒ No ☐

2. Name and address of receiving party(ies):

Samsung Electronics Co., Ltd.
416, Maetan-dong, Yeongtong-gu
Suwon-si, Gyeonggi-do
Republic of Korea

3. Nature of conveyance:

- ☒ Assignment
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ Other _____

Execution Date: 1) December 11, 2003; 2) December 11, 2003; 3) December 11, 2003; 4) December 11, 2003

Additional name(s) & address(es) attached? Yes ☒ No ☐

4. Application Serial No. 10/732,931

If this document is being filed together with a new application, the execution date of the application is: 1) December 11, 2003; 2) December 11, 2003; 3) December 11, 2003; 4) December 11, 2003

Additional numbers attached? Yes ☐ No ☒

5. Name and address of party to whom correspondence concerning document should be mailed:

Robert N. Crouse
Myers Bigel Sibley & Sajovec
P. O. Box 37428
Raleigh NC 27627

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00
☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: 50-0220

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9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert N. Crouse #44,635

Name of Person Signing

Signature

April 7, 2004

Date

Total number of pages including cover sheet, attachments and document: 3

04/12/2004 MGETACHE 00000084 10732931

01 FC:8021

40.00 OP

ASSIGNMENT

THIS ASSIGNMENT, made by us, **Hong-gun Kim**, citizen of the Republic of Korea, residing at 208-1103 Woncheon Jugong 2danji APT, 548 Woncheon-dong, Paldal-gu, Suwon-si, Gyeonggi-do, Republic of Korea; **Kyu-tae Na**, citizen of the Republic of Korea, residing at 105-704 Gangchon APT., Ichon 1-dong, Yongsan-gu, Seoul, Republic of Korea; **Eun-Kee Hong**, citizen of the Republic of Korea, residing at 110-1901 Byeoksan APT., Mangpo-dong, Paldal-gu, Suwon-si, Gyeonggi-do, Republic of Korea; and **Ju-Seon Goo**, citizen of the Republic of Korea, residing at 222-1501 Hanggol-maeul, Byeoksan APT., Yeongtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do, Republic of Korea;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **METHODS OF FILLING GAPS BY DEPOSITION ON MATERIALS HAVING DIFFERENT DEPOSITION RATES** for which an application for United States Letters Patent has been filed, or is being filed concurrently, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known or to file this Assignment concurrently with the application, and

WHEREAS, Samsung Electronics Co., Ltd., a Korean corporation having a principal place of business at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer and convey unto the said assignee, its successors and assigns, the entire right, title and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as

fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives and assigns, promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns and other legal representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 11 day of 12, 20013

Hong Gun Kim
Hong-gun Kim

Kyu-tae Na Kyu-tae Na
Kyu-tae Na

Eun-kee Hong
Eun-kee Hong

Ju-seon Goo
Ju-seon Goo

Witnessed by:

Date: _____

Date: _____